

**COMPLETE SAMPLE DELIVERY GROUP FILE (CSF)  
EVIDENCE AUDIT CHECKLIST  
U.S. Environmental Protection Agency - Region 8  
Environmental Services Division, Multi-Media Branch  
Analytical Operations Section**

Audit Number: 08-09-08  
Date CSF Received: 12/3/07  
Received By: Carol Beard  
Date of Audit: 12/7/07  
Audited By: Carol Beard  
Resubmitted CSF? Yes ☐ No ☒  
Lab Name: A-4 Scientific  
Lab Location: The Woodlands, TX

Site Name: Richardson Flat Tailings  
Site Manager: Kathryn Hernandez  
RAS Number: 36948  
ULSA Number: \_\_\_\_\_  
SDG Number: MN23Y1  
Number of Samples: 6/4/5  
CLP Lab Code: A-4

**AUDIT CHECKLIST**

CHAIN OF CUSTODY

- |  |   |
|--|---|
| 1. Custody Seal Present?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 2. Condition of Seal? Intact <input checked="" type="checkbox"/> Signed <input type="checkbox"/> Broken <input type="checkbox"/> Unsigned <input type="checkbox"/> |   |
| 3. Chain of Custody Record(s) Present?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 4. Chain of Custody Record(s) Signed?  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 5. Chain of Custody Record(s) Dated?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 6. Traffic Report(s) or Packing List(s) Present?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 7. Traffic Report(s) or Packing List(s) Signed?  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 8. Airbill Present?  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 9. Airbill Number(s): <u>795060754499</u>  |   |
| 10. Airbill Signed?  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 11. Airbill Dated?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 12. Sample Tags Present?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 13. Should Sample Tags be Present?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

AUDIT NUMBER: 08-09-08

FORM DC-2

- |  |   |
|--|---|
| 14. Form DC-2 Present?                     | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 15. Numbering Scheme on Form DC-2 Correct? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 16. Enclosed Documents Listed?             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 17. Listed Documents Enclosed?             | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

FORM DC-1

- |                         |   |
|-------------------------|---|
| 18. Form DC-1 Present?  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 19. Form DC-1 Complete? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 20. Form DC-1 Correct?  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

DOCUMENT CONTROL

- |   |   |
|---|---|
| 21. Laboratory Documents Complete?      | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 22. Laboratory Documents Legible?       | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 23. Original Documents Included in CSF? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

DATA INSPECTION

- |  |   |
|--|---|
| 4. Form I's present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?       | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 5. Forms 2 through 8 (VOC & SVOC), Forms 2 through 10 (Pesticides), Forms 2 through 14 (Metals & Cyanide) present? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 6. Raw data present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?       | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| 7. Percent Solids Form present for soil samples?   | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

TE: If items 1, 3, 4, 6, 7, 8, 12, 14, 18, or 22 are missing, corrective action measures must be taken by the CSF auditor and summarized below.

AUDIT NUMBER: 08-09-08

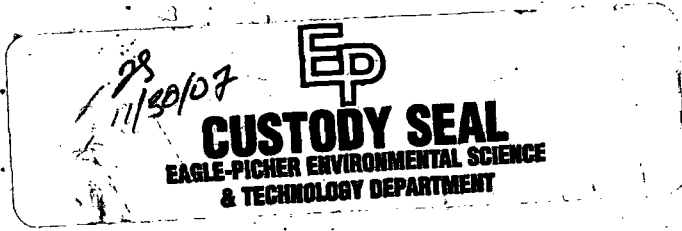
COMMENTS AND NOTES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Camp      12/7/07  
Auditor                      Date

KPA OFFICIAL SEALS PAGE

Please attach all custody seals below:



AUDIT NUMBER: 08-09-08

EPA CLP ELECTRONIC DISKETTE(S)

CASE # 36948 SDG #: MH23Y1

SITE NAME: Richardson Flat Tailings

REM: Kathryn Hernandez

DATE: 12/7/07

AUDITOR: Carol Bump

Audit - 08-09-08

RAS - 36948

SDG - MH23Y1

Site - Richardson Flat Tailings

Rpm - Kathryn Hernandez

Date - 12/7/07

LAB - A-4

## USEPA-CLP

## COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057  
Lab Code: A4 Case No: 36948 NRAS No.: \_\_\_\_\_ SDG No: MH23Y1  
SOW No.: ILM05.4

## EPA Sample No.

## Lab Sample ID

MH23Y10008712-01MH23Y1D0008712-01DMH23Y1S0008712-01SMH23Z60008712-02MH23Z70008712-03MH23Z80008712-04MH23Z90008712-05MH24A00008712-06

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
If yes, were raw data generated before application of background corrections?	(Yes/No)	<u>NO</u>	<u>NO</u>

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Reddy PakanatiName: REDDY PAKANATIDate: 7/30 11/30/07Title: LABORATORY MANAGER0000000001

# A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057

Case #: 36948

SDG #: MH23Y1

## SDG NARRATIVE

### SAMPLE RECIEPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	REMARKS	MATRIX
MH23Y1	0008712-01	11/12/07 10:02	795506075499	ICP-AES	1	MS/DUP	SOIL
MH23Z6	0008712-02	11/12/07 10:02	795506075499	ICP-AES	1		SOIL
MH23Z7	0008712-03	11/12/07 10:02	795506075499	ICP-AES	1		SOIL
MH23Z8	0008712-04	11/12/07 10:02	795506075499	ICP-AES	1		SOIL
MH23Z9	0008712-05	11/12/07 10:02	795506075499	ICP-AES	1		SOIL
MH24A0	0008712-06	11/12/07 10:02	795506075499	ICP-AES	1		SOIL

ICP-AES

**Issue:** Samples for case 36948 were received on 11/12/2007. TR/COC listed tag numbers do not match physical tag numbers.

**Resolution:** Per Region 8 Lab recorded the physical sample tag number on form DC-1 and proceeded with analysis of samples.

**Issue:** For samples received on 11/12, there was no temperature blank in the cooler. The cooler temperatures were determined to be 7 degrees. The following method was used to record cooler temperature. Removed ice between two sample containers and placed thermometers between them and stabilized for several minutes. The thermometer was not allowed to come in contact with any material except sample containers. The temperature of the shipping container was recorded on the TR/COC and form DC-1.

**Resolution:** Per direction from Region 8, the laboratory, proceed with the analysis of the samples.

**Issue:** There were no custody seals on any of the coolers.

**Resolution:** Per Region 8, proceed with the analysis of the samples.

**Issue:** Lab received one cooler for Case 36948 on 11/12/2007. This cooler was supposed to have been received by the lab on Friday (11/09/07) along with 5 other coolers but was not delivered by FedEx until Monday. Samples were received in zip lock bags. Ice in cooler had melted and seeped into zip lock bags and mixed with the sample. Lab believes the integrity of samples had been compromised due to water seeping into bags. Airbill # 795506075499. The affected samples were:

MH23Y1

MH23Z7

**Resolution:** Per Region 8, lab dried the affected samples and proceed with the analysis.

SMO was notified. Directive is enclosed. No other discrepancies of issues were noted during receipt and login.

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# A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057

Case #: 36948

SDG #: MH23Y1

## SDG NARRATIVE

### ICP-AES

Soil Samples were digested by Hot-Block technique (HS2) and analyzed using a Thermo Electron ICAP6500.

MS and DUP were performed on sample "MH23Y1" and they were within the QC limits.

Analytes with Serial Dilution percent difference not within the control limits are flagged with "E" on Form1s and Form8.

The following Samples were analyzed at a dilution for some elements to bring the concentration below the LDRs. The dilutions were made as below:

Sample ID	Dilution	Volume of digestate (ul)	Volume of 2% HNO3 (ul)	Final Volume (ul)
MH23Z6	1.2	8,333	1,667	10,000
MH23Z8	1.3	7,692	2,308	10,000
MH23Z9	1.4	7,143	2,857	10,000

The following equations are used for calculation of sample results from raw instrument output data:

### ICP-AES

#### SOIL Samples:

$$\text{Concentration (dry Wt.) (mg/kg)} = \frac{C * V}{W * S} * DF$$

Where,

C = Concentration (mg/L)

V = Final sample volume in Liters (L) (0.1L)

W = Wet sample weight (kg) (0.001kg)

S = % solids/100

DF = Dilution Factor

000000003

## SAMPLE LOG-IN SHEET

Lab Name <b>A4 SCIENTIFIC, INC.</b>				Page <u>1</u> of <u>1</u>	
Received By (Print Name) <b>Jessica Schulze</b>				Log in Date <b>11/12/07</b>	
Received By (Signature) <i>Jessica Schulze</i>					
Case Number <b>36948</b>		Sample Delivery Group No. <b>MH2341</b>		NRAS Number <b>2</b>	
Remarks:		Corresponding			
		EPA Sample #	Aqueous Sample pH	Sample Tag #	Assigned Lab #
1. Custody Seal(s) <u>Present/Absent*</u> <u>Intact/Broken</u>		<b>MH2341</b>	<b>NA</b>	<b>8311153</b>	<b>008712-01</b> <b>1-2ip lock bag Intact</b>
2. Custody Seal Nos. <u>NA</u> <u>1</u>		<b>26</b>		<b>8311169</b>	<b>-02</b>
3. Traffic Reports/Chain of Custody Records or Packing Lists <u>Present/Absent*</u>		<b>27</b>		<b>8311173</b>	<b>-03</b>
4. Airbill <u>Airbill/Sticker Present/Absent*</u>		<b>28</b>		<b>8311171</b>	<b>-04</b>
5. Airbill No. <u>7955060754</u> <u>-99</u>		<b>29</b>		<b>8311186</b>	<b>-05</b>
6. Sample Tags <u>Present/Absent*</u>		<b>MH24A0</b>		<b>8311162</b>	<b>-06</b>
Sample Tag Numbers <u>Listed/Not Listed on Traffic Report/Chain of Custody Record</u>					
7. Sample Condition <u>Intact/Broken*/Leaking</u>					
8. Cooler Temperature Indicator Bottle <u>Present/Absent*</u>					
9. Cooler Temperature <u>11/12/07 76°C</u>					
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree? <u>Yes/No*</u>					
11. Date Received at Lab <u>11-12-07</u>					
12. Time Received <u>1002</u>					
Sample Transfer					
Fraction <u>Mals</u>	Fraction <u>2</u>				
Area # <u>Cooler A</u>	Area # <u>28</u>				
By <u>28</u>	By <u>28</u>				
On <u>11-12-07</u>	On <u>11-12-07</u>				<b>11/12/07</b>

\* Contact SMO and attach record of resolution

Reviewed By <u>gfw</u>	Logbook No. <u>NA</u>
Date <u>11/12/07</u>	Logbook Page No. <u>1</u>



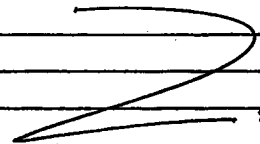
FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME <u>A4 SCIENTIFIC, INC.</u>	
CITY/STATE <u>THE WOODLANDS, TX</u>	
CASE NO. <u>36948</u>	SDG NO. <u>MH2341</u>
SDG NOS. TO FOLLOW <u>NA</u>	
NRAS NO. <u>NA</u>	
CONTRACT NO. <u>EPW06057</u>	
SOW NO. <u>ILM05.4</u>	

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

	PAGE NO.		LAB	CHECK REGION
	FROM	TO		
1. Cover Page	<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. SDG Narrative	<u>2</u>	<u>3</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Sample Log-In Sheet (DC-1)	<u>4</u>	<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Inventory Sheet (DC-2)	<u>5</u>	<u>6</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Traffic Report/Chain of Custody Record(s)	<u>7</u>	<u>9</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inorganic Analysis				
6. Data Sheet (Form I-IN)	<u>10</u>	<u>15</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7. Initial & Continuing Calibration Verification (Form IIA-IN)	<u>16</u>	<u>24</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8. CRQL Standard (Form IIB-IN)	<u>25</u>	<u>32</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9. Blanks (Form III-IN)	<u>33</u>	<u>39</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10. ICP-AES Interference Check Sample (Form IVA-IN)	<u>40</u>	<u>46</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11. ICP-MS Interference Check Sample (Form IVB-IN)	<u>NA</u>	<u>NA</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Matrix Spike Sample Recovery (Form VA-IN)	<u>47</u>	<u>47</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13. Post-Digestion Spike Sample Recovery (Form VB-IN)	<u>NA</u>	<u>NA</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Duplicates (Form VI-IN)	<u>48</u>	<u>48</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15. Laboratory Control Sample (Form VII-IN)	<u>49</u>	<u>49</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16. ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	<u>50</u>	<u>50</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17. Method Detection Limits (Annually) (Form IX-IN)	<u>51</u>	<u>53</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18. ICP-AES Interelement Correction Factors (Quarterly) (Form XA-IN)	<u>54</u>	<u>54</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19. ICP-AES Interelement Correction Factors (Quarterly) (Form XB-IN)	<u>55</u>	<u>55</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20. ICP-AES and ICP-MS Linear Ranges (Quarterly) (Form XI-IN)	<u>56</u>	<u>56</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
21. Preparation Log (Form XII-IN)	<u>57</u>	<u>57</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22. Analysis Run Log (Form XIII-IN)	<u>58</u>	<u>64</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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	PAGE NOS.		CHECK	REGION
	FROM	TO		
23. ICP-MS Tune (Form XIV-IN)	NA	NA	✓	—
24. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	↓	↓	✓	—
25. ICP-AES Raw Data	65	681	✓	✓
26. GFAA Raw Data (If Applicable)	NA	NA	✓	—
27. ICP-MS Raw Data	↓	↓	✓	—
28. Mercury Raw Data	↓	↓	✓	—
29. Cyanide Raw Data	↓	↓	✓	—
30. Preparation Logs Raw Data	682	735	✓	✓
31. Percent Solids Determination Log	736	736	✓	✓
32. USEPA Shipping/Receiving Documents				
Airbill (No. of Shipments <u>1</u> )	737	737	✓	✓
Sample Tags	738	739	✓	✓
Sample Log-In Sheet (Lab)	740	740	✓	✓
33. Misc. Shipping/Receiving Records (list all individual records)				
Telephone Logs	NA	NA	✓	—
<u>NA</u>	↓	↓	✓	—
<u>L</u>	↓	↓	✓	—
34. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list)				
<u>Custody Logbook</u>	741	741	✓	✓
<u>NA</u>	NA	NA	✓	✓
35. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records <u>Digestion logs</u>	682	682	✓	✓
Analysis Records <u>Run logs</u>	683	693	✓	✓
Description <u>Standard prep log</u>	694	735	✓	✓
36. Other Records (describe or list)				
Telephone Communications Log	NA	NA	✓	—
<u>Emails</u>	742	744	✓	✓
<u>NA</u>	NA	NA	✓	—
37. Comments:	 03 11/30/07			

Completed by: J. Schulz J. Schulz sample Custodian 11/30/07  
 (CLP Lab) (Signature) (Print Name & Title) (Date)

Audited by: Carla Bmf (Signature) (Print Name & Title) 12/7/07 (Date)  
 (USEPA)

0000000006

**SAMPLE DELIVERY GROUP (SDG)  
COVER SHEET**

SDG Number: MH23Y1

☒ ICP-AES Analysis

☐ ICP-MS Analysis

Laboratory Name: A4 SCIENTIFIC, INC.

Laboratory Code: A4

Contract No.: EPW06057

Case No.: 36948

Analysis Price: \_\_\_\_\_

SDG Turnaround: 21 days

Modified Analysis (if applicable):

Modification Reference No.: \_\_\_\_\_

**EPA Sample Numbers in SDG (Listed in Numerical Order)**

1) MH23Y1	7)	13)	19)
2) MH23Z6	8)	14)	20)
3) MH23Z7	9)	15)	21)
4) MH23Z8	10)	16)	22)
5) MH23Z9	11)	17)	23)
6) MH24A0	12)	18)	24)

MH23Y1

First Sample in SDG

MH24A0

Last Sample in SDG

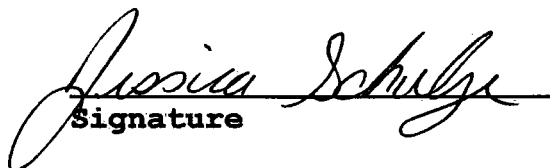
11/12/2007

First Sample Receipt Date

11/12/2007

Last Sample Receipt Date

**Note:** There are a maximum of 20 **field** samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).

  
Signature

11/13/07  
Date

0000000007  
Inorganic (10/06)



USEPA Contract Laboratory Program  
Inorganic Traffic Report & Chain of Custody Record

Case No: 36948

DAS No:

SDG No: MH2341

L

Date Shipped: Carrier Name: FedEx Airbill: Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	Chain of Custody Record		Sampler Signature: <i>Ch Hayes</i>	For Lab Use Only Lab Contract No: EPW06057 Unit Price: 0 Transfer To: Lab Contract No: Unit Price: 11/12/07	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 Chris Hayes	11/6/07 8AM	Janna Simonsen		11/6/07
	2 Janna Simonsen	11/8/07 11AM			
	3				
4			11/12/07 1002		

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH23X6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG126 (1)	UE27-CNTY-0.6	S: 11/1/2007 16:00		
MH23X7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG127 (1)	UW03-47-0.5	S: 11/1/2007 9:30		
MH23X8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG128 (1)	UW03-47-1.0	S: 11/1/2007 9:45		
MH23X9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG129 (1)	UW05-47-0.5	S: 11/1/2007 14:20		
MH23Y0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG130 (1)	UW08-47-0.5	S: 11/1/2007 18:50		
MH23Y1	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG131 (1)	UW09-47-0.5	S: 11/1/2007 12:00		12/8/07 0008712-01 Intact
MH23Y2	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG132 (1)	UW11-47-0.5	S: 11/1/2007 12:05		
MH23Y3	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG133 (1)	UW14-47-0.5	S: 11/1/2007 8:30		
MH23Y4	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG134 (1)	UW16-47-0.5	S: 11/1/2007 11:15		
MH23Y5	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG135 (1)	UW17-47-0.5	S: 11/1/2007 11:25		

Shipment for Case Complete? <input checked="" type="checkbox"/>	Sample(s) to be used for laboratory QC: MH23W6, MH23Y1	Additional Sampler Signature(s): <i>11/12/07</i>	Cooler Temperature Upon Receipt: <i>7.6°C</i> <i>11/12/07</i>	Chain of Custody Seal Number: <i>11/12/07</i>
Analysis Key: TM = CLP TAL Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input checked="" type="checkbox"/>

TR Number: 8-065602925-110707-0004

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602


**USEPA Contract Laboratory Program  
Inorganic Traffic Report & Chain of Custody Record**

Case No: 36948

DAS No:

SDG No: MH23Y1

L

Date Shipped: Carrier Name: FedEx Airbill: Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	<b>Chain of Custody Record</b>		Sampler Signature: <i>Ch Hayes</i>	<b>For Lab Use Only</b> Lab Contract No: EPW06057 Unit Price: 0 Transfer To: 2 Lab Contract No: 28 Unit Price: 11/12/07	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 Chris Hayes	11/6/07 8AM	Janna Simonsen		11/6/07
	2 Janna Simonsen	11/8/07 11AM			
	3				
	4		J. Schrage	11/12/07 1002	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH23Z6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG146 (1)	UW30-47-0.5	S: 11/1/2007 13:30	0008712-02	Intact
MH23Z7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG147 (1)	UW33-47-0.5	S: 11/1/2007 10:20	-03	
MH23Z8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG148 (1)	UW36-47-0.5	S: 11/1/2007 13:50	-04	
MH23Z9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG149 (1)	UW52-47-0.5	S: 11/1/2007 10:35	-05	
MH24A0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG150 (1)	UW55-47-0.5	S: 11/1/2007 13:40	-06	

Shipment for Case Complete? <input checked="" type="checkbox"/>	Sample(s) to be used for laboratory QC: MH23W6, MH23Y1	Additional Sampler Signature(s): <i>11/12/07</i>	Cooler Temperature Upon Receipt: 74.0 °C <i>11/12/07</i>	Chain of Custody Seal Number: <i>11/12/07</i>
Analysis Key: TMS CLP TAL Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input checked="" type="checkbox"/>

TR Number: 8-065602925-110707-0004

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PR provides preliminary results. Requests for preliminary results will increase analytical costs.  
 Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602